

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---------------------------|------------------|---------|------------------|
| S1 | 6 | ccd same alternating adj color | USPAT | OR | ON | 2003/10/15 11:35 |
| S2 | 29 | ("4205337" "4310847" "4330793" "4418358" "4630120" "4672424" "4703365" "4709144" "4716456" "4736251" "4745466" "4823186" "4918523" "4969204" "4982270" "5023711" "5045932" "5060061" "5081529" "5255081" "5262847" "5377025" "5543940" "5619590" "5671013" "5677528" "5978023" "6356379" "6429953").PN. | USPAT | OR | ON | 2003/10/15 11:43 |
| S3 | 78 | vignetting same axial | USPAT | OR | ON | 2003/10/15 14:11 |
| S4 | 458 | (382/274).CCLS. | USPAT; USOCR | OR | OFF | 2003/10/15 16:02 |
| S5 | 70 | (348/255).CCLS. | USPAT; USOCR | OR | OFF | 2003/10/15 14:12 |
| S6 | 86 | (348/252).CCLS. | USPAT; USOCR | OR | OFF | 2003/10/15 14:12 |
| S7 | 55 | (348/238).CCLS. | USPAT; USOCR | OR | OFF | 2003/10/15 14:12 |
| S8 | 63 | (348/237).CCLS. | USPAT; USOCR | OR | OFF | 2003/10/15 14:29 |
| S9 | 140 | ((382/274).CCLS.) and camera and (luminance or brightness or Y or luma) | USPAT | OR | ON | 2003/10/16 12:53 |
| S10 | 159 | luminance adj correction and @ad<="19990226" | USPAT | OR | ON | 2003/10/16 10:27 |
| S11 | 284 | luminance adj correction and @ad<="19990226" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2003/10/16 10:28 |
| S12 | 103 | luminance adj correction and pixel and @ad<="19990226" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2003/10/16 10:28 |
| S13 | 52 | (348/228.1).CCLS. | USPAT; USOCR | OR | OFF | 2003/10/16 12:47 |
| S14 | 5 | ((348/228.1).CCLS.) and luminance with correct | USPAT | OR | ON | 2003/10/16 12:48 |
| S15 | 6 | ((382/274).CCLS.) and camera and ((luminance or brightness or Y or luma) adj correction) | USPAT | OR | ON | 2003/10/16 13:12 |
| S16 | 485 | analog adj luminance | USPAT | OR | ON | 2003/10/16 13:14 |

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|-----|------|--|------------------------------------|----|-----|------------------|
| S17 | 13 | analog adj luminance with correction | USPAT | OR | ON | 2003/10/16 13:15 |
| S18 | 93 | (348/234).CCLS. | USPAT; USOCR | OR | OFF | 2003/10/16 13:26 |
| S19 | 79 | ((348/234).CCLS.) and @ad<="19990226" | USPAT | OR | ON | 2003/10/16 14:17 |
| S20 | 22 | analog adj luminance near5 correct\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/10/16 14:28 |
| S21 | 1560 | luminance same discrete | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/10/16 14:29 |
| S22 | 10 | luminance same discrete adj time | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/10/16 14:31 |
| S23 | 26 | pixel with luminance adj correction and camera | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/10/16 14:39 |
| S24 | 14 | axial adj luminance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/10/16 15:01 |
| S25 | 30 | color adj interleaved | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/10/16 15:01 |
| S26 | 1 | ("5644359").PN. | USPAT; USOCR | OR | OFF | 2003/10/16 15:21 |
| S27 | 1 | ("4908701").PN. | USPAT; USOCR | OR | OFF | 2003/10/16 15:35 |
| S28 | 1 | ("5870505").PN. | USPAT; USOCR | OR | OFF | 2003/10/16 17:02 |
| S29 | 7 | luminance adj correction near5 position | USPAT | OR | ON | 2003/10/16 17:04 |
| S30 | 1717 | vignetting | USPAT | OR | ON | 2003/10/16 17:04 |
| S31 | 89 | vignetting with correction | USPAT | OR | ON | 2003/10/16 17:05 |
| S32 | 2 | image adj falloff and correction | USPAT | OR | ON | 2003/10/17 13:50 |
| S33 | 3 | image adj falloff and correction | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/10/17 15:42 |
| S34 | 142 | digital adj camera and ccd same color adj filter and @ad<="19990225" | USPAT | OR | ON | 2003/10/17 15:45 |

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|-----|--------|---|-----------------|----|-----|------------------|
| S35 | 5 | bayer adj filter | USPAT | OR | ON | 2003/10/17 15:46 |
| S36 | 1 | ("5534916").PN. | USPAT; USOCR | OR | OFF | 2003/10/17 16:56 |
| S37 | 161 | coordinate adj position same sum | USPAT | OR | ON | 2003/10/17 17:57 |
| S38 | 1 | ccd same (coordinate adj position) same sum | USPAT | OR | ON | 2003/10/17 18:10 |
| S39 | 3 | image adj drop-off | USPAT | OR | ON | 2003/10/17 18:11 |
| S40 | 9 | image adj drop adj off | USPAT | OR | ON | 2003/10/17 18:11 |
| S41 | 2 | image adj fall-off | USPAT | OR | ON | 2003/10/17 18:12 |
| S42 | 26 | image adj fall adj off | USPAT | OR | ON | 2003/10/17 18:12 |
| S43 | 11 | ((ccd same (coordinate adj position) same sum) (image adj drop-off) (image adj drop adj off) (image adj fall-off) (image adj fall adj off)) and sum | USPAT | OR | ON | 2003/10/17 18:13 |
| S44 | 16 | ((ccd same (coordinate adj position) same sum) (image adj drop-off) (image adj drop adj off) (image adj fall-off) (image adj fall adj off)) and product | USPAT | OR | ON | 2003/10/17 18:15 |
| S45 | 13 | advantage with analog with luminance | USPAT | OR | ON | 2003/10/17 18:32 |
| S46 | 27 | analog adj luminance same correction | USPAT | OR | ON | 2004/03/25 12:25 |
| S47 | 258 | (348/223.1).CCLS. | USPAT; USOCR | OR | OFF | 2004/03/25 17:29 |
| S48 | 264187 | analog adj luminance and white balance | USPAT | OR | ON | 2004/03/25 17:29 |
| S49 | 58 | analog adj luminance and white adj balance | USPAT | OR | ON | 2004/03/26 10:39 |
| S50 | 411 | analog same (white adj balance) | USPAT | OR | ON | 2004/03/26 10:39 |
| S51 | 33 | analog same (white adj balance) same rgb | USPAT | OR | ON | 2004/03/26 11:10 |
| S52 | 27 | analog same (white adj balance) with pixel | USPAT | OR | ON | 2004/10/27 20:46 |
| S53 | 73 | (348/255).CCLS. | USPAT; USOCR | OR | OFF | 2004/04/02 18:07 |
| S54 | 9 | ((348/255).CCLS.) and rgb | USPAT | OR | ON | 2004/04/02 18:08 |
| S55 | 20 | ((348/255).CCLS.) and (r near2 g near2 b) | USPAT | OR | ON | 2004/04/02 18:29 |
| S56 | 633 | (two or dual) near4 agc | USPAT | OR | ON | 2004/04/02 18:29 |
| S57 | 120 | (two or dual) near1 agc | USPAT | OR | ON | 2004/04/02 18:29 |
| S58 | 631 | (white adj balance) and ((red or r) with (coefficient or gain)) | USPAT | OR | ON | 2004/10/27 21:25 |

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| S59 | 444 | (white adj balance) same ((red or r) with (coefficient or gain)) | USPAT | OR | ON | 2004/10/27 21:25 |
| S60 | 257 | (white adj balance) same ((red or r) near3 (coefficient or gain)) | USPAT | OR | ON | 2004/10/27 21:25 |
| S61 | 21 | ("4764805" "4796085" "5008739" "5260774" "5262849" "5265200" "5325182" "5371546" "5396441" "5504524" "5506619" "5528292" "5579047" "5596367" "5808674" "5821999" "5886797" "5887085" "5987221" "6421084" "6563537").PN. | USPAT | OR | ON | 2004/10/27 21:28 |
| S87 | 5 | "white balance" with ((two or second) near3 stage) | USPAT | OR | ON | 2004/11/12 13:17 |
| S89 | 4 | "white balance" with ((two or second) near3 stage) | US-PGPUB; USOGR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/12 13:17 |
| S91 | 39 | Vignetting near3 correction | USPAT | OR | ON | 2004/11/12 13:22 |
| S92 | 7 | ccd same alternating adj color | USPAT | OR | ON | 2005/12/22 01:40 |
| S93 | 29 | ("4205337" "4310847" "4330793" "4418358" "4630120" "4672424" "4703365" "4709144" "4716456" "4736251" "4745466" "4823186" "4918523" "4969204" "4982270" "5023711" "5045932" "5060061" "5081529" "5255081" "5262847" "5377025" "5543940" "5619590" "5671013" "5677528" "5978023" "6356379" "6429953").PN. | USPAT | OR | ON | 2005/12/22 01:40 |
| S94 | 85 | vignetting same axial | USPAT | OR | ON | 2005/12/22 01:40 |
| S95 | 670 | (382/274).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S96 | 87 | (348/255).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S97 | 122 | (348/252).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S98 | 73 | (348/238).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S99 | 71 | (348/237).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |

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| S10 0 | 221 | ((382/274).CCLS.) and camera and (luminance or brightness or Y or luma) | USPAT | OR | ON | 2005/12/22 01:40 |
| S10 1 | 160 | luminance adj correction and @ad<="19990226" | USPAT | OR | ON | 2005/12/22 01:40 |
| S10 2 | 286 | luminance adj correction and @ad<="19990226" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/12/22 01:40 |
| S10 3 | 104 | luminance adj correction and pixel and @ad<="19990226" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/12/22 01:40 |
| S10 4 | 59 | (348/228.1).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S10 5 | 5 | ((348/228.1).CCLS.) and luminance with correct | USPAT | OR | ON | 2005/12/22 01:40 |
| S10 6 | 11 | ((382/274).CCLS.) and camera and ((luminance or brightness or Y or luma) adj correction) | USPAT | OR | ON | 2005/12/22 01:40 |
| S10 7 | 517 | analog adj luminance | USPAT | OR | ON | 2005/12/22 01:40 |
| S10 8 | 15 | analog adj luminance with correction | USPAT | OR | ON | 2005/12/22 01:40 |
| S10 9 | 121 | (348/234).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S11 0 | 84 | ((348/234).CCLS.) and @ad<="19990226" | USPAT | OR | ON | 2005/12/22 01:40 |
| S11 1 | 27 | analog adj luminance near5 correct\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/22 01:40 |
| S11 2 | 2158 | luminance same discrete | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/22 01:40 |
| S11 3 | 13 | luminance same discrete adj time | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/22 01:40 |
| S11 4 | 37 | pixel with luminance adj correction and camera | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/22 01:40 |
| S11 5 | 16 | axial adj luminance | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/22 01:40 |

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| S11 6 | 49 | color adj interleaved | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/22 01:40 |
| S11 7 | 1 | ("5644359").PN. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S11 8 | 1 | ("4908701").PN. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S11 9 | 1 | ("5870505").PN. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S12 0 | 7 | luminance adj correction near5 position | USPAT | OR | ON | 2005/12/22 01:40 |
| S12 1 | 1946 | vignetting | USPAT | OR | ON | 2005/12/22 01:40 |
| S12 2 | 97 | vignetting with correction | USPAT | OR | ON | 2005/12/22 01:40 |
| S12 3 | 4 | image adj falloff and correction | USPAT | OR | ON | 2005/12/22 01:40 |
| S12 4 | 5 | image adj falloff and correction | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/12/22 01:40 |
| S12 5 | 168 | digital adj camera and ccd same color adj filter and @ad<="19990225" | USPAT | OR | ON | 2005/12/22 01:40 |
| S12 6 | 29 | bayer adj filter | USPAT | OR | ON | 2005/12/22 01:40 |
| S12 7 | 1 | ("5534916").PN. | USPAT; USOCR | OR | OFF | 2005/12/22 01:40 |
| S12 8 | 191 | coordinate adj position same sum | USPAT | OR | ON | 2005/12/22 01:40 |
| S12 9 | 1 | ccd same (coordinate adj position) same sum | USPAT | OR | ON | 2005/12/22 01:40 |
| S13 0 | 3 | image adj drop-off | USPAT | OR | ON | 2005/12/22 01:40 |
| S13 1 | 10 | image adj drop adj off | USPAT | OR | ON | 2005/12/22 01:40 |
| S13 2 | 4 | image adj fall-off | USPAT | OR | ON | 2005/12/22 01:40 |
| S13 3 | 33 | image adj fall adj off | USPAT | OR | ON | 2005/12/22 01:40 |
| S13 4 | 12 | ((ccd same (coordinate adj position) same sum) (image adj drop-off) (image adj drop adj off) (image adj fall-off) (image adj fall adj off)) and sum | USPAT | OR | ON | 2005/12/22 01:40 |

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| S13 5 | 18 | ((ccd same (coordinate adj position) same sum) (image adj drop-off) (image adj drop adj off) (image adj fall-off) (image adj fall adj off)) and product | USPAT | OR | ON | 2005/12/22 01:40 |
| S13 6 | 13 | advantage with analog with luminance | USPAT | OR | ON | 2005/12/22 01:41 |
| S13 7 | 29 | analog adj luminance same correction | USPAT | OR | ON | 2005/12/22 01:41 |
| S13 8 | 327 | (348/223.1).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:41 |
| S13 9 | 287819 | analog adj luminance and white balance | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 0 | 63 | analog adj luminance and white adj balance | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 1 | 524 | analog same (white adj balance) | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 2 | 43 | analog same (white adj balance) same rgb | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 3 | 41 | analog same (white adj balance) with pixel | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 4 | 87 | (348/255).CCLS. | USPAT; USOCR | OR | OFF | 2005/12/22 01:41 |
| S14 5 | 9 | ((348/255).CCLS.) and rgb | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 6 | 24 | ((348/255).CCLS.) and (r near2 g near2 b) | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 7 | 700 | (two or dual) near4 agc | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 8 | 143 | (two or dual) near1 agc | USPAT | OR | ON | 2005/12/22 01:41 |
| S14 9 | 686 | (white adj balance) and ((red or r) with (coefficient or gain)) | USPAT | OR | ON | 2005/12/22 01:41 |
| S15 0 | 473 | (white adj balance) same ((red or r) with (coefficient or gain)) | USPAT | OR | ON | 2005/12/22 01:41 |
| S15 1 | 273 | (white adj balance) same ((red or r) near3 (coefficient or gain)) | USPAT | OR | ON | 2005/12/22 01:41 |
| S15 2 | 21 | ("4764805" "4796085" "5008739" "5260774" "5262849" "5265200" "5325182" "5371546" "5396441" "5504524" "5506619" "5528292" "5579047" "5596367" "5808674" "5821999" "5886797" "5887085" "5987221" "6421084" "6563537").PN. | USPAT | OR | ON | 2005/12/22 01:41 |

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|----------|----|--|---|----|----|------------------|
| S15 3 | 5 | "white balance" with ((two or second) near3 stage) | USPAT | OR | ON | 2005/12/22 01:41 |
| S15 4 | 6 | "white balance" with ((two or second) near3 stage) | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/22 01:41 |
| S15 5 | 43 | Vignetting near3 correction | USPAT | OR | ON | 2005/12/22 01:41 |